

REPORT/RECOMMENDATION TO THE BOARD OF SUPERVISORS
OF SAN BERNARDINO COUNTY, CALIFORNIA
AND RECORD OF ACTION

27

May 13, 2003

FROM: **EMIL A. MARZULLO**, Director
Special Districts Department

SUBJECT: **FIND THAT AN EMERGENCY CONTINUES TO EXIST RELATING TO THE
EMERGENCY WATER WELL REPAIRS - COUNTY SERVICE AREA 70,
IMPROVEMENT ZONES J & L (OAK HILLS & PHELAN/PINON HILLS)**

RECOMMENDATION: Acting as the governing body of County Service Area 70, Improvement Zones J (Oak Hills) and County Service Area 70, Improvement Zone L (Phelan/Pinon Hills):

Find that an emergency continues to exist in County Service Area 70, Improvement Zone J (CSA 70 J) and Improvement Zone L (CSA 70 L), requiring immediate action to prevent and mitigate the loss or impairment of life, health, property, and essential public services by repairing/replacing Water Wells No. 1 and 3 serving the Oak Hills area and Well No. 9A serving the Phelan/Pinon Hills area. (4 votes required)

BACKGROUND INFORMATION: On February 25, 2003, the Board found that an emergency existed due to three critical water wells in two Improvement Zones that failed to operate and created a potential serious risk to life, safety and health to the residents in the communities of Oak Hills, Pinon Hills and Phelan, which those water wells served. Per the California Public Contract Code Section 22050, the Board is required to review existence of such emergencies in order to continue mitigation efforts as defined in the February 25, 2003 Board action. This continuance report is that notice.

Well No. 1 is back in service and is operating satisfactorily. Total expenditure to repair the well was \$50,855.60. The costs included evaluations, inspections, removal and replacement of the equipment, equipment purchase and delivery, testing and disinfection of the well.

In well No. 3 the pump and motor was removed. A well survey has been completed on Well No. 3 and determined that the well casing was in need of cleaning. The contractor has completed the cleaning. Results showed that no additional work on the casing needs to be accomplished and therefore the replacement pump and motor is currently on order and awaiting delivery. Anticipated delivery and installation date of the equipment is anticipated to be by the middle of May 2003.

Well No. 9A for CSA 70 Zone L in the Pinon Hills/Phelan area was evaluated. Equipment and well evaluation was performed and indicated well casing failure in several locations in the casing that contributed to the well pump and motor failure. District has ordered replacement pump and motor. The motor has been received and the pump is at the manufacturer being sized to meet the casing repair criteria and will be delivered when complete. Casing failure repairs are in

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progress. During initial casing repairs and due to the existing fragile nature of the wire wrap screen casing, additional damage was created by the contractor. This will involve the well to undergo additional extensive repairs. These repairs are currently underway with a completion scheduled within two weeks. Repairs involve sleeving the damaged portions of the screen casing to strengthen the casing in those areas. Additional video logging was performed and indicated that no more damage was found. Following the repairs, the new equipment will need to be installed and flow testing along with disinfection will be performed prior to the well being placed into service. Anticipated schedule as to when the well is placed back into service is the end of May.

Staff will provide an updated review in accordance with Public Contracts Code 22050 until such time that the wells have been repaired and placed into service again and the existence of the local emergency has ended.

REVIEW BY OTHERS: This item has been reviewed by County Counsel (Dennis Tilton) on May 2, 2003, the County Administrative Office (Wayne Thies, Administrative Analyst) on May 5, 2003.

FINANCIAL IMPACT: The estimated emergency repair costs for CSA 70 J are not expected to exceed \$160,000 and repair costs for CSA 70 L are not expected to exceed \$80,000. Sufficient appropriations and funds are available in the District's Fiscal Year 2002/2003 operating budget as follows: CSA 70 J (ECA-165) and CSA 70 L (ECG-170). This action has no impact on the county general fund. Repair or replacement of the equipment will result in energy efficiency and cost savings for the districts. Total savings have not yet been determined.

SUPERVISORIAL DISTRICTS: First

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